RCRA Corrective Action Environmental Indicator Forms Addendum

Completed by: *Frank Dellechaie, Ron Leach* *Ray Saracino*	Date: *November 2, 2000*

	"X" all that apply:	
Facility Name: *Hewlett Packard* (include a.k.a) Street Address: *1501 Page Mill Road* City, State: *Palo Alto, CA 94304* EPA ID#: *CAD 009 122 532*	NPL Site?	
	BRAC Site?	
	GPRA Baseline?	X
	EJ Site?	
	Near-bankrupt?	

Facility Contact Name: *Alison Rempel*
Company: *Hewlett Packard*
Street Address: *1501 Page Mill Road*
City, State: *Palo Alto, CA 94304*
Phone:
E-mail:

Agencies Involved in Remedial Oversight (Mark an "x" at the left of the boxes that apply:)

	DTSC Site Mitigation - Region __		Federal CERCLA	X	RWQCB - Region 2
	DTSC Permit Unit - Region __		Federal RCRA		Other (specify)

Project Manager Interviewed: Brett Stevens

Agency: *RWQCB Region 2 - Oakland*
Phone: *(510) 622- 2349*
email: *bls@rb2.swrcb.ca.gov*

Site Summary:

The Hewlett Packard facility located at 1501 Page Mill Road consists of approximately 10 buildings within the Stanford Research Park. Past activities at the site have included research and development of computing and electronic equipment and manufacturing. The facility is now used for office space. An RFA (RCRA Facility Assessment) was completed in June, 1997. The Regional Water Quality Control Board (RWQCB) has issued a remedial order to this facility. Brett Stevens is the RWQCB project manager.

All solid waste management units or SWMUs have been addressed. The previously installed ground water pump and treat system and soil vapor extraction system was expanded to include off site releases as of February 28, 1996. The final remedy is now considered "construction complete" with long term operation and maintenance required. On April 9, 1997, the RWQCB determined that no additional remedial actions were necessary. The facility will operate the current systems indefinitely and submit five year performance reports. The first Five Year report was submitted February 14, 2000.

CA 725 Current Human Exposures Under Control

Current Human Exposures Under Control Determination ("x" appropriate box)		If determination is **NO or IN**, the likelihood of achieving EIs by 2005 is ("x" appropriate box):	
	YES	X	Likely by 2002 (insert year)
	NO		Unlikely
X	IN (Insufficient information)		Difficult to determine
	No determination was made		

If determination is **YES**, it falls under the following categories: ("x" all that apply)		If determination is **NO or IN**, it falls under the following categories: ("x" all that apply)	
	Final stages of C/A		Early stages of C/A
	Stabilization measures implemented	X	Indoor air issues
	No groundwater contamination		Abandoned, near-bankrupt
	Undergoing redevelopment		Technical limitations Please specify (complex hydrogeology, contaminants, large area):
	Other:		Uncooperative
			Administrative delays
			Other:

For sites with **NO or IN** determinations, provide a description of the next steps which will be taken to achieve the Current Human Exposures EI:

The review team is concerned with the potential for indoor air impacts from subsurface soil and groundwater contamination. We are aware that Hewlett Packard recently prepared a "Human Health Risk Assessment for Soil (Revised)", dated May 30, 2000 and that RWQCB (Regional Water Quality Control Board) has issued comments on this document. It is likely that this risk assessment, once it is resubmitted and approved by the RWQCB, will address our concerns. Hence, we have no recommendations at this time.

CA750 Migration of Contaminated Groundwater Under Control

Migration of Contaminated Groundwater Under Control ("x" appropriate box)	
X	YES
	NO
	IN (Insufficient information)
	No determination was made

If determination is **NO or IN**, the likelihood of achieving EIs by 2005 is ("x" appropriate box):	
	Likely by ____ (insert year)
	Unlikely
	Difficult to determine

If determination is **YES**, it falls under the following categories ("x" all that apply):	
X	Final stages of C/A
	Stabilization measures implemented
	No groundwater contamination
	Undergoing redevelopment
	Other:

If determination is **NO or IN**, it falls under the following categories ("x" all that apply):	
	Early stages of C/A
	GW/SW issues
	Abandoned, near-bankrupt
	Technical limitations, Please specify (complex hydrogeology, contaminants, large area):
	Uncooperative
	Administrative delays
	Other:

For sites with **NO or IN** determinations, provide a description of the next steps which will be taken to achieve the Migration of Contaminated Groundwater Under Control EI: